

AMENDMENTS TO THE CLAIMS

Claim 1 (Cancelled)

2. (original) An adjustable connector module assembled onto a circuit board, said circuit board having a plurality of pads for electrically connecting with said adjustable connector module, said adjustable connector module comprising:

a leaf spring connector, comprising a plurality of first pins at the bottom surface thereof firmly soldered to said plurality of pads for electrically connecting with said circuit board and a plurality of leaf springs at the top surface thereof correspondingly electrically connected with said a plurality of first pins via interconnections; and

an adjustable signal connector, comprising a plurality of second pins at the bottom surface thereof against which said plurality of leaf springs correspondingly press when said adjustable signal connector is placed on the top surface of said leaf spring connector to electrically connect said adjustable signal connector with said leaf spring connector;

wherein said adjustable signal connector can keep in electrical connection with said leaf spring connector as a result of the flexibility of said plurality of leaf springs, when said adjustable signal connector makes a small movement in relation to said circuit board.

3. (original) The adjustable connector module of Claim 2, wherein said adjustable signal connector comprising a plurality of insertions at the top surface thereof correspondingly electrically connected with said a plurality of second pins via interconnections and for receiving a plurality of signal pins of a peripheral device to electrically connect said circuit board with said peripheral device.

4. (original) The adjustable connector module of Claim 2, wherein the two ends of said adjustable signal connector have a respective opening through which a fastening screw passes to delimit said adjustable signal connector on said circuit board.

5. (original) The adjustable connector module of Claim 4, wherein said fastening screw comprises a head, a shank portion and a threaded portion; wherein the diameter of said head is larger than that of said corresponding opening, the diameter of said shank portion is smaller than that of said corresponding opening, and the length of said shank portion is longer than the thickness of said corresponding opening.

6. (original) The adjustable connector module of Claim 2, further comprising a circuit transferring plate disposed between said adjustable signal connector and said leaf spring connector to electrically connect said adjustable signal connector with said leaf spring connector.

7. (original) The adjustable connector module of Claim 6, wherein said circuit transferring plate comprises a plurality of densely arranged first pin patterns at the top surface thereof at the same space as said plurality of second pins of said adjustable signal connector and a plurality of less densely arranged second pin patterns at the bottom surface thereof at the same space as aid plurality of leaf springs of said leaf spring connector.

8. (original) The adjustable connector module of Claim 7, wherein said plurality of first pin patterns are of smaller size than said plurality of second pin patterns.

Claims 9-20 (Cancelled)